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DIVISION OF OIL, GAS AND MINING

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0003

April 6, 1990

TO: Daron Haddock, Permit Supervisor

FROM: Rick Summers, Senior Reclamation Hydrologist *RS*

RE: Coal Stacking Tube and Reclaim, Amendment ACT/007/005-90A,
Coastal States Energy Company, Skyline Mine, ACT/007/005,
Carbon County, Utah

SUMMARY:

The above referenced submittal was reviewed relative to hydrology regulations and found to contain several minor deficiencies. The surface disturbance associated with this amendment which reports to the portal facilities pond is insignificant. Therefore, the sedimentation pond design submitted with this application was not reviewed. The sediment pond design and capacity will be fully reviewed upon receipt of the applicant's response to Stipulation UMC 817.46 - RS (December, 1989 permit) expected this June.

DEFICIENCIES:

1. The designs provided by EarthFax Engineering, Inc. need to be accompanied by certification statement.
2. Plate 3.2.1.1 needs to be certified with current revision date.
3. Section 4.19.2 states that the diversions (DU-2, DU-3) were designed using a 100 yr. - 24 hr. event. The calculations provided designs for a 10 yr. - 24 hr. event (EarthFax Report 11/89). Please revise text.
4. The applicant needs to propose a buffer zone and buffer zone markers for the new disturbance.
5. The EarthFax report proposes several options for the culvert design for diversion DU-2 (i.e. 15 - 18 inch inlet connected to 12 inch or 15 - 18 inch full length). The proposal should specify which design will be used.

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Skyline Mine

6. The applicant should add narrative to the text discussing the energy dissipators for DU-2 and 3 (include location, reference to calculations, and size of protection). The location of the dissipators should be depicted on Plate 3.2.1-1.

cc: R Harden

BT6009/95-96